

	U	1	Document ID	Issue Date	Pages
1	<input type="checkbox"/>	<input type="checkbox"/>	US 5639725 A	19951102	30
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	JP 07157500 A	19950620	
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	RU 2032379 C	19950410	Page 1
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	JP 06065295 A	19940308	
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WO 9311222 A	19930610	
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DE 4106570 A	19920903	Page 1
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EP 504363 B	20030729	

	Title	Current OR	Current XRef	Retrieval Classif
1	Endothelial inhibitor Angiostatin - useful to treat angiogenic mediated disease esp. angiogenesis and cancer			
2	Human synovia derived hyaluronan associated protein and antibodies directed against it - which may be used in diagnosis to detect degenerative knee arthritis			
3	Procedure for forecasting the course of psoriatic arthritis - analysing blood serum sample for relationship between alkaline and acid phosphatases			
4	New immunosuppressant from rat sub-mandibular gland - used to treat collagen disease, rheumatoid arthritis etc.			
5	Purified lipocortin-1 binding mol. - and corresp. monoclonal antibodies and analogues and of lipocortin-1 antagonists for treatment and diagnosis of immune disorders			
6	New inhibitors of endothelial cell proliferation, obtd. from vertebrate tissue - for treating tumours, rheumatoid arthritis, diabetic retinopathy, etc.			
7	Immunosuppressant purified anti-CDW52 antibody preparations - for treating e.g. T-cell mediated diseases, rheumatoid arthritis, multiple sclerosis, diabetes, asthma, cancer, etc.			

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1	CAO, Y et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5639725	<input type="checkbox"/>
2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
3	NIKULIN, N K et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
5	GOULDING, N J et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
6	DREXLER, H et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
7	ALLEN, G et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5171841 A	19911017	
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5523290 A	19900823	
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	JP 02157298 A	19900618	
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EP 351313 A	19900117	
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5037958 A	19871105	
13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 4645748 A	19860814	10

	Title	Current OR	Current XRef	Retrieval Classif
8	New recombinant-produced T-cell suppressor protein - useful in allo:transplantation, aggressive auto:immune disorders, severe hypersensitivity reactions, T-cell suppression disorders			
9	New anti-proliferative protein mammalian suppressin - specifically inhibiting normal or neoplastic lymphoid and neuroendocrine cells without cytotoxicity, useful for treating tumours, arthritis,			
10	MAC inhibition factor - prepd. by treating human erythrocytes membrane with organic solvent and surfactant in presence of protease inhibitor			
11	New glyco:protein IF5 antigen - derived from human cell membrane, inhibits complement-mediated cell membrane damage			
12	Immunosuppressant factor isolated from human T-cell culture - by gel-filtration and electrophoresis, is useful as a diagnostic reagent and in therapy			
13	Rheumatoid arthritis factor - present in rheumatoid arthritis patients but not patients with other arthritic types			

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
8	LAURENCE, J C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
9	BLALOCK, J E et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
10		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
11	KONDO, J et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
12	CHIBA, K et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
13	HECHEMY, K et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 4645748	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages
1	<input type="checkbox"/>	<input type="checkbox"/>	US 5639725 A	19951102	30
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	JP 07157500 A	19950620	
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5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WO 9311222 A	19930610	14
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7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EP 504363 B	20030729	15

	Title	Current OR	Current XRef	Retrieval Classif
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5	Purified lipocortin-1 binding mol. - and corresp. monoclonal antibodies and analogues and of lipocortin-1 antagonists for treatment and diagnosis of immune disorders			
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	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1	CAO, Y et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5639725	<input type="checkbox"/>
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5	GOULDING, N J et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5314992	<input type="checkbox"/>
6	DREXLER, H et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5529792	<input type="checkbox"/>
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8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5171841 A	19911017	7
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13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 4645748 A	19860814	10

	Title	Current OR	Current XRef	Retrieval Classif
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9	New anti-proliferative protein mammalian suppressin - specifically inhibiting normal or neoplastic lymphoid and neuroendocrine cells without cytotoxicity, useful for treating tumours, arthritis,			
10	MAC inhibition factor - prepd. by treating human erythrocytes membrane with organic solvent and surfactant in presence of protease inhibitor			
11	New glyco:protein IF5 antigen - derived from human cell membrane, inhibits complement-mediated cell membrane damage			
12	Immunosuppressant factor isolated from human T-cell culture - by gel-filtration and electrophoresis, is useful as a diagnostic reagent and in therapy			
13	Rheumatoid arthritis factor - present in rheumatoid arthritis patients but not patients with other arthritic types			

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
8	LAURENCE, J C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5171841	<input type="checkbox"/>
9	BLALOCK, J E et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5523290	<input type="checkbox"/>
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11	KONDO, J et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5179198	<input type="checkbox"/>
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NEWS 7 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
NEWS 9 NOV 24 MSDS-CCOHS file reloaded  
NEWS 10 DEC 08 CABA reloaded with left truncation  
NEWS 11 DEC 08 IMS file names changed  
NEWS 12 DEC 09 Experimental property data collected by CAS now available  
in REGISTRY  
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPLUS  
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NEWS 15 DEC 18 BIOTECHNO no longer updated  
NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer  
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NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS  
databases  
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NEWS 19 DEC 22 ABI-INFORM now available on STN  
  
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=> s arthriti? and polyacrylamide  
L1 10242 ARTHRITI? AND POLYACRYLAMIDE

=> s l1 and (methylene bis) and acrylamide  
L2 23 L1 AND (METHYLENE BIS) AND ACRYLAMIDE

=> s l2 and hydrogel  
L3 4 L2 AND HYDROGEL

=> d l3 1-4 ibib abs

L3 ANSWER 1 OF 4 USPATFULL on STN  
ACCESSION NUMBER: 2003:159130 USPATFULL  
TITLE: Coated particles, methods of making and using  
INVENTOR(S): Anderson, David M., Colonial Heights, VA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003108743	A1	20030612
	US 6638621	B2	20031028
APPLICATION INFO.:	US 2002-170237	A1	20020613 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-297997, filed on 16 Aug 2000, GRANTED, Pat. No. US 6482517		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	WHITHAM, CURTIS & CHRISTOFFERSON, P.C., 11491 SUNSET HILLS ROAD, SUITE 340, RESTON, VA, 20190		
NUMBER OF CLAIMS:	107		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Page(s)		
LINE COUNT:	5538		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	A particle coated with a nonlamellar material such as a nonlamellar		

crystalline material, a nonlamellar amorphous material, or a nonlamellar semi-crystalline material includes an internal matrix core having at least one a nanostructured liquid phase, or at least on nanostructured liquid crystalline phase or a combination of the two is used for the delivery of active agents such as pharmaceuticals, nutrients, pesticides, etc. The coated particle can be fabricated by a variety of different techniques where the exterior coating is a nonlamellar material such as a nonlamellar crystalline material, a nonlamellar amorphous material, or a nonlamellar semi-crystalline material

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 4 USPATFULL on STN  
ACCESSION NUMBER: 2003:94026 USPATFULL  
TITLE: **Polyacrylamide hydrogel for arthritis**  
INVENTOR(S): Petersen, Jens, Birkerod, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003065389	A1	20030403
APPLICATION INFO.:	US 2001-938668	A1	20010827 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
LINE COUNT:	705	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **hydrogel** for use as a prosthetic device for supplementing, augmenting or replacing cartilage in the intra-articular cavity of a joint and for treatment or prevention of **arthritis**. The **hydrogel** may be a **polyacrylamide hydrogel** obtained by combining **acrylamide** and **methylene bis-acrylamide**. A prosthetic device comprising the **polyacrylamide hydrogel** is also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 4 USPATFULL on STN  
ACCESSION NUMBER: 2002:303798 USPATFULL  
TITLE: Coated particles, methods of making and using  
INVENTOR(S): Anderson, David M., Petersburg, VA, United States  
PATENT ASSIGNEE(S): Select Release, L.C., Midlothian, VA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6482517	B1	20021119
	WO 9912640		19990318
APPLICATION INFO.:	US 2000-297997		20000816 (9)
	WO 1998-US18639		19980908
			20000816 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-58309P	19970909 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	

PRIMARY EXAMINER: Boykin, Terressa M.  
LEGAL REPRESENTATIVE: Whitham, Curtis & Christofferson, P.C.  
NUMBER OF CLAIMS: 116  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 8 Drawing Figure(s); 8 Drawing Page(s)  
LINE COUNT: 4264

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A particle coated with a nonlamellar crystalline material includes an internal matrix core having at least one nanostructured liquid phase, or at least one nanostructured liquid crystalline phase or a combination of the two is used for the delivery of active agents such as pharmaceuticals, nutrients, pesticides, etc. The coated particle can be fabricated by a variety of different techniques where the exterior coating is a nonlamellar crystalline material.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 4 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 942780 EUROPATFULL EW 200331 FS PS  
TITLE: COATED PARTICLES, METHODS OF MAKING AND USING.  
BESCHICHTETE TEILCHEN, METHODE ZU IHRER HERSTELLUNG UND  
VERWENDUNG.  
PARTICULES ENROBEES, PROCEDES DE FABRICATION ET  
D'UTILISATION.  
INVENTOR(S): ANDERSON, David, M., 103 Croatan Circle, Cary, NC 27513,  
US  
PATENT ASSIGNEE(S): Select Release, L.C., 15310 Fox Briar Lane, Midlothian,  
VA 23112, US  
PATENT ASSIGNEE NO: 2730500  
AGENT: Wagner, Karl H., Dipl.-Ing., WAGNER & GEYER  
Patentanwaelte Gewuerzmuehlstrasse 5, 80538 Muenchen, DE  
AGENT NUMBER: 12561  
OTHER SOURCE: MEPB2003041 EP 0942780 B1 0073  
SOURCE: Wila-EPS-2003-H31-T1  
DOCUMENT TYPE: Patent  
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R  
GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE  
PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT (Internationale  
Anmeldung)  
PATENT INFORMATION:

	PATENT NO	KIND	DATE
	EP 942780	B1	20030730
'OFFENLEGUNGS' DATE:			19990922
APPLICATION INFO.:	EP 1998-950618		19980908
PRIORITY APPLN. INFO.:	US 1997-58309		19970909
RELATED DOC. INFO.:	WO 98-US18639		980908 INTAKZ
	WO 99012640		990318 INTPNR
REFERENCE PAT. INFO.:	WO 93-06921 A	US 4344857	A
	US 5039559 A	US 5407609	A
	US 5543158 A	US 5679377	A
	US 5785976 A		



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**M Field, QJM**, May 2001

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**Anthony J Janckila / David H Neustadt / Yuri R Nakasato / Jussi M Halleen / Teuvo Hentunen / Lung T Yam, Clin Chim Acta**, Jun 2002

...tartrate-resistant acid phosphatase (TRACP) in patients with rheumatoid **arthritis** (RA). METHODS: Thirty-five RA, 32 osteoarthritis (OA) and...immunoassay. TRACP isoforms were analyzed by non-denaturing **polyacrylamide** gel electrophoresis (PAGE). Serum bone alkaline phosphatase...

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treated...

**Kidani, T. / Sakayama, K. / Masuno, H. / Takubo, N. / Matsuda, Y. / Okuda, H. / Yamamoto, H.,**  
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**tumour** tissue (whole...non-denaturing **polyacrylamide**

gels and...unselected series **of breast cancer**. Other

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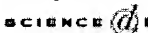
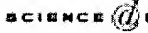

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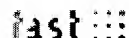
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